



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



STEVEN E. CHESTER
DIRECTOR

October 9, 2006

Mr. Robert Monroe
Gun Lake Area Sewer and Water Authority
12588 Marsh Road
Shelbyville, Michigan 49344

Dear Mr. Monroe:

SUBJECT: Operating Plan Approval
Gun Lake Area Sewer and Water Authority

Review of the Receiving Facility Operating Plan, including the additional information submitted to the Department of Environmental Quality (DEQ), is complete. The response addresses our concerns. The operating plan is approved. The septage waste receiving facility must operate in accordance with the approved plan. If a change in operations or conditions is anticipated, please file an amendment to the plan at least thirty (30) days prior to the proposed date for implementation.

If you have any questions concerning this matter, please contact me.

Sincerely,

Ebi Burutolu, Soil Scientist
On-Site Wastewater Unit
Drinking Water and Environmental Health Section
Lansing Operations Division
Water Bureau
517-241-4598

cc: Mr. Eric Pessell, Barry-Eaton District Health Department, Eaton County
Mr. Richard Falardeau, DEQ
Mr. Dave Timm, DEQ



Septage Waste Receiving Facility Checklist

Page 1

Name of Septage Receiving Facility:

Gun Lake Area Sewer & Water Authority

DEQ Reviewer: B. Wisley

Review Date: 6/2006

Second Reviewer: E. Burutolu

Review Date: 9/2006

Address of Septage Receiving Facility:

12588 March Road

Shelbyville, MI 49344

Facility Contact: Robert Monroe

Telephone Number: 269-672-5588

The following information must be submitted in the Operation Plan in order to receive DEQ approval:

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
1. Location of septage RF.	X		
2. Hours of operation.	X		8 a.m. to 4 p.m. M-F. Closed on weekends and holidays.
3. Categories of septage waste the RF will receive.	X		
4. Does the SWRF accept food establishment septage (grease trap waste)? If yes, have they calculated the nutrient loading of this waste and its impact on that allotted to treating septage waste?		X	Domestic septage waste only.
5. *Fee structure charged to hauler.	X		5¢ per gallon.
6. *Service area (septage acceptance) description of RF defined in detail.	X		Map provided showing the 15 radial mile service area.

Septage Waste Receiving Facility Checklist

Page 2

Name of Septage Receiving Facility:

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
7. Notice of proposed operation plan:			
a) Was it mailed to county HD and legislative body of each city, village and township located in whole or in part of the service area?		X	Not indicated in plan.
b) Was it public noticed in the local newspaper?	X		
c) Was it posted on the facility website?		X	Not clear whether a website is maintained.
8. Did the notice contain the following?			
a. Statement that the RF proposed to or is currently receiving and will continue to receive septage waste for treatment.	X		
b. Statement in the notice that the proposed operating plan is available for review during normal work hours.	X		
c. A request for written comments on the proposed operation of the RF and the deadline for receipt of such comments, which shall not be less than 30 days after publication, posting, or mailing of the notice.	X		
d. Receiving facility capacity.			
I) Hydraulic capacity:	X		
II) Organic capacity:	X		
*III) Wet weather operation considerations (CSO & SSO)		X	Not indicated in plan.

Septage Waste Receiving Facility Checklist

Page 3

Name of Septage Receiving Facility:

<u>Requirement</u>	<u>Yes</u>	<u>No</u>	<u>Comments</u>
9. Other conditions established for the RF.			See operating plan.

*5. Fee structure - must be justified and reasonable in accordance with standard accounting practices.

*6. This should be both written and illustrated on a map of the area. The service area information should include whether or not there is a county ordinance that also defines what they can or can't accept. It should also include whether or not they accept septage pumped outside of the service area.

*8.d.(III). CSO-Combined Sewer Overflow and SSO-Sanitary Sewer Overflow.

Gun Lake Area Sewer & Water Authority

12588 Marsh Road
Shelbyville, MI 49344

Ph: (269) 672-5588

Fax: (269) 672-5580

Septage Receiving Operational Plan

8/1/2005 – revised 6/21/2006 – revised 8/31/06

Hours of Operation: 8:00 am to 4:00 pm
Monday – Friday (Closed Weekends & Holidays)

WWTP Location:

12588 Marsh Road
Shelbyville, MI 49344
Robert H. Monroe, Manager

Septage Received:

Domestic only (no grease traps)

Fee: \$50 per 1000 gallons (.05/gallon)

Required: Driver furnishes address of residence, gallons and date pumped and provides sample of load for laboratory analysis.

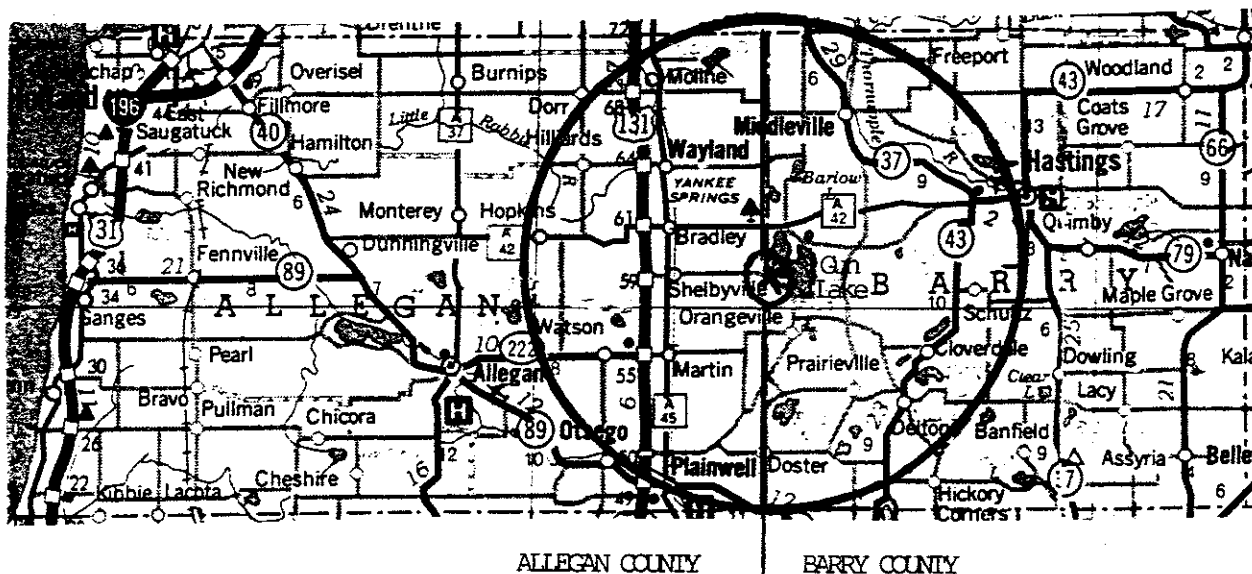
Receiving Facility's Capacity: GLASWA will accept up to 10% of the plant's normal daily influent flow.

Average daily gallons of septage received: 5,800 gallons.

Plant daily flow: 300,000 gallons (Winter) = 30,000 gal/day septage maximum.
500,000 gallons (Summer) = 50,000 gal/day septage maximum.

5 Day Biochemical Oxygen Demand: 788 lbs per day (Winter)
1314 lbs per day (Summer)

Service Area: Allegan & Barry Counties (see county map below)



Copies sent to MDEQ, Allegan & Barry-Eaton County Health Departments and Controlling Townships of Yankee Springs, Orangeville, Wayland and Martin.

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SEP 12 2006

Water Division
Groundwater Section
WELL CONSTRUCTION UNIT

Gun Lake Area Sewer & Water Authority

Septage Receiving Operational Plan August 1, 2005

12588 Marsh Road
Shelbyville, MI 49344
Ph: (269) 672-5588
Fax: (269) 672-5580

Facility Location: 12588 Marsh Road
Shelbyville, MI 49344

Hours of Operation: 8:00 am to 4:00 pm
Monday through Friday

Septage Received: Domestic Septage only (no grease traps)

Service Area: Allegan and Barry Counties

Charge to Septage Hauler:
\$50/per 1000 gallons (5 cents/gallon)

Conditions:

Driver fills out paperwork: Address of residence pumped, date pumped, gallons of septic, provide sample of load for laboratory analysis.

Receiving Facility's Capacity:

GLASWA will accept up to 10% of the plant's normal daily influent flow.

Plant daily flow:

300,000 gallons (Winter) = 30,000 gal/day septage maximum.

500,000 gallons (Summer) = 50,000 gal/day septage maximum.

5 day biochemical oxygen demand:

788 lbs/per day (Winter).

1314 lbs/per day (Summer).

Average daily gallons of septage received: 5,000 gallons.

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GUN LAKE AREA SEWER & WATER AUTHORITY

The Gun Lake Area Sewer & Water Authority has always accepted residential sanitary waste from the area septage haulers, when asked. GLASWA plans to continue accepting domestic septage as long as the Wastewater Treatment Plant's operations stay within compliance of the Michigan Department of Environmental Quality's required parameters. A copy of GLASWA's Domestic Septage Operating Plan can be obtained at the Wastewater Plant, 12588 Marsh Road, Shelbyville, Michigan. Written comments on the proposed operation of the Gun Lake Area Sewer & Water Authority's Septage Receiving Plan will be accepted through September 1, 2005. (Septage Receiving Facility Operating Plan Statement, per / MDEQ) Copies sent to the Allegan and Barry/Eaton County Health Departments plus Martin, Orangeville, Wayland and Yankee Springs Townships. This statement was also published in the local newspapers.

WASTEWATER STRENGTH COMPARISON

RESIDENTIAL SEPTIC TANK WASTE

BOD ₅	3,151.5 mg/l
MLSS	5,434.8 mg/l
PHOSPHORUS	11.1 mg/l
AMMONIA	230.0 mg/l

DAILY INFLUENT WASTEWATER

BOD ₅	190.0 mg/l
MLSS	215.0 mg/l
PHOSPHORUS	5.2 mg/l
AMMONIA	35.0 mg/l

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Jennifer M. Granholm, Governor
Steven E. Chester, Director

WATER BUREAU
MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
CONSTITUTION HALL
525 WEST ALLEGAN STREET
P.O. BOX 30273
LANSING MI 48909-7773

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JUN 16 2006

From: Ebi Burutolu

To: Robert Monroe, Manager, Gun Lake Area Sewer and Water Authority

Date: June 14, 2006

Subject: Receiving Facility Operating Plan

I have reviewed the Operating Plan (OP) submitted to this Department. The plan provides most of the information. There are just a few areas that were either not addressed or not clearly stated. I have summarized them below.

Hours of Operation: Although the plan indicates hours of operation, it is not clear whether those hours apply to holidays that fall on weekdays. Provide clear information about hours of operation including holidays

Food Establishment Septage (FES): Indicate clearly whether your facility accepts food establishment septage. If you accept FES, you may state the condition (s) that be observed before accepting it.

Service Area: You provided written information of the service area. Also show the service area on a map.

Notice of Proposed OP: The plan shows information about notice of OP and the requirements under the notice.

The plan does not indicate whether the notice was mailed to the County Health Department, legislative body of each city, village and township located in whole or in part of the service area.

Also, provide information about wet weather considerations, that is, Combined Sewer Overflow and Sanitary Sewer Overflow, if applicable to your situation.

Please, submit the above information as stated above.

Please, call if you have any questions.

Ebi Burutolu, Soil Scientist
Drinking Water & Environmental Health Section
Water Bureau, Dept. Environmental Quality
P. O. Box 30273
Lansing, Michigan 48909-7773
Phone: (517) 241-4598
Fax: (517) 241-1328
burutole@michigan.gov

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JUL 03 2006

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STATE OF MICHIGAN }
County of Barry } ss.

Fredric J Jacobs

being first duly sworn, deposes and says that he is one of
the publishers of theHastings Banner.....

.....
a newspaper printed and circulated in said County of
Barry

.....; that the annexed notice of.....
Gun Lake Area Sewer and Water Authority
GLASWA plans

.....
has been duly published in said paper for.....

1

.....issues, on the following dates, to wit:

July 28A.D. 20.05

.....A.D. 20.....

.....A.D. 20.....

.....A.D. 20.....

.....A.D. 20.....

.....A.D. 20.....

Subscribed and sworn to before me this 28th

day of JulyA.D. 20.05

Bobbie Wilkins

Notary Public for Barry County.

BOBBIE WILKINS

Notary Public, Barry County, MI

My commission expires Nov. 27, 2006

Acting in the County of Barry

GUN LAKE AREA SEWER & WATER AUTHORITY

The Gun Lake Area Sewer & Water Authority has always accepted residential sanitary waste from the area septage haulers, when asked. GLASWA plans to continue accepting domestic septage as long as the wastewater treatment plant's operations stay within compliance of the Michigan Department of Environmental Quality's required parameters. A copy of GLASWA's Domestic Septage Operating Plan can be obtained at the wastewater plant, 12588 Marsh Road, Shelbyville, Michigan. Written comments on the proposed operation of the Gun Lake Area Sewer & Water Authority's Septage Receiving Plan will be accepted through September 1, 2005. (Septage Receiving Facility Operating Plan Statement, per/MDEQ)

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